

Product Datasheet

Anti-QKI-5 Antibody FL594 Conjugate



Overview

Catalog #	75-232-FL594
Conjugate	FL594 Ex: 594 nm, Em: 615 nm
Isotype	IgG1
Clone Number	N195A/16
Size	200 µL
Concentration	0.5 mg/mL
Host Species	Mouse Monoclonal
Format	Purified by Protein A chromatography
Buffer	PBS with 0.09% azide
Applications	ICC, IHC
Species Reactivity	Human, Mouse, and Rat
Immunogen	Synthetic peptide amino acids 315-331 (ATK VRRHDMRVHPYQRI , with nuclear localization signal underlined) of human QKI-5 (accession number Q96PU)
Molecular Weight	40 kDa (and others)
Cite this Antibody	Antibodies Inc Cat# 75-232-FL594, RRID: AB_2939846

Details

Target Description	QKI5 is a member of the Signal Transduction and Activation of RNA proteins (STAR proteins) family. QKI5, QKI6 QKI7 and QKI7b are alternatively spliced mRNAs from the QKI1 gene. QKI5 is a RNA-binding protein. QKI5 has roles in the regulation of splicing, export and stability of mRNA. It is involved in myelination. It is a nuclear isoform and contains a C-terminal nuclear localization signal. Diseases associated with this gene include Angiocentric Glioma, 6Q Terminal Deletion Syndrome .and Schizophrenia.
Specificity	Does not cross-react with QKI-6, QKI-7 or QKI-7bCross-reacts with other STAR proteins containing similar nuclear localization signals
Purification Method	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography and conjugation of purified mAb. Purified mAbs are >90% specific antibody.
Quality Control Tests	Each new lot of antibody is quality control tested by western blot on rat whole brain lysate and confirmed to stain the expected molecular weight band.

Storage

Aliquot and store at $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at $2-8^{\circ}\text{C}$. For maximum recovery of product, centrifuge the vial prior to removing the cap.

Our Guarantee

As an original manufacturer, we are dedicated to creating quality and reproducible antibodies that further your research. We provide personalized customer support from the scientists that made the antibody and offer a free replacement or 100% refund if we cannot resolve an issue. Order today and experience our 50+ year passion for science.

Note: For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, viewable on our website.